

CLAIM OR CLAIMS

I claim:

1. A polymer modified asphalt composition comprising:
  - 5 a) an asphalt; and
  - b) from 0.5 to 10 parts by weight of a tubular reactor produced ethylene/alkyl acrylate copolymer for every 100 parts by weight of said asphalt.
- 10 2. A polymer modified asphalt composition of Claim 1 further comprising:
  - (c) from 0.5 to 10 parts by weight of an epoxy functionalized ethylene copolymer for every 100 parts by weight of said asphalt.
- 15 3. A polymer modified asphalt composition of Claim 2 wherein the weight ratio of said tubular reactor produced ethylene/alkyl acrylate copolymer to said epoxy functionalized ethylene copolymer is from 1.5 to 6.7 and the cumulative amount of said tubular reactor produced  
20 ethylene/alkyl acrylate copolymer and said epoxy functionalized ethylene copolymer is from 1.5 to 4.0 parts by weight per 100 parts by weight of said asphalt.
4. A polymer modified asphalt composition of Claim 2 or 3 wherein an  
25 acid adjuvant is added to the asphalt.
5. An asphalt additive composition comprising a blend of:
  - (a) from 5 to 95 parts by weight of a tubular reactor produced ethylene/alkyl acrylate copolymer; and
  - 30 (b) from 95 to 5 parts by weight of an epoxy functionalized ethylene copolymer.

6. An asphalt additive of Claim 5 wherein the weight ratio of said tubular reactor produced ethylene/alkyl acrylate copolymer to said epoxy functionalized ethylene copolymer is from 1.5 to 6.7.
- 5 7. A process for producing polymer modified asphalt comprising the steps of:
- (a) melt blending an asphalt with from 0.5 to 10 parts by weight of a tubular reactor produced ethylene/alkyl acrylate copolymer for every 100 parts by weight of said asphalt; and
- 10 (b) recovering a polymer modified asphalt having improved elasticity and stiffness.
8. A process of Claim 7 further comprising the step of:
- (c) melt blending with said asphalt and said ethylene/alkyl
- 15 acrylate copolymer from 0.5 to 10 parts by weight of an epoxy functionalized ethylene copolymer for every 100 parts by weight of said asphalt.
9. A process of Claim 8 wherein the weight ratio of said tubular reactor
- 20 produced ethylene/alkyl acrylate copolymer to said epoxy functionalized ethylene copolymer is from 1.5 to 6.7
10. A process according to Claims 7-9 wherein no acid adjuvant is added to the asphalt.
- 25 11. A process according to Claims 7-9 wherein an acid adjuvant is added to the asphalt.